CDW Consultants, Inc.

Project No.: Total Depth:

1830 2 ft

Client: City of Waltham Location: 240 Beaver St

BORING ID: GP4-9 Logged By:

AMS

Casing ID:

Date Started: 12/9/2019

Completed: 12/9/2019 Ground El.

Contractor: Sheet #:

Crawford

Remarks:

et (Samp	le				a
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	24"	0	gray graded base with	
					0.0	gravel, silt, fine sand	
-1			2'		2	tan to gray fine SAND, trace gravel with broken rock; dry	
-2			<u> </u>		-	End of Boring at 2 feet	
-3							
4							
-5							
-6							
		X					
-7					ļ		
-8							
-9							
-10							
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
		Groundy	vater Me	asure	ments	Summary	
D	ate	Time				Measuring Point Overburden: Fill	
						Rock: NA	
			******			Well Depth: NA	
				***		Boring: 2'	

Date Started: 12/9/2019

CDW Consultants, Inc.

Project No.: Total Depth: 1830

15 ft

Client: Location:

Ground El.

City of Waltham 240 Beaver St Completed: 12/9/2019

BORING ID: GP4-8 Logged By: Contractor:

Sheet #:

AMS Crawford

Casing ID: Remarks:

£		Samp	le					2
Depth (Feet)	Туре & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description	Moll Discrete
)	S1		0'	48"	0	bla	ck asphalt and graded base	
-1					0.0		ray fine SAND, trace gravel with	
-2					2	0)	oken concrete pieces; dry (FILL)	
-3					0.0	tan te	o gray fine to silty fine SAND, little medium sand; dry	
4			5'		4		(FILL)	
-5	S2		5'	40"	0.9	ST ST ST		
-6					6	block fine to	silty fine SAND, trace medium sand,	
-7					1.9	DIACK TITE TO	with wood; dry (FILL)	
8					8			
9			10'		0.0	see	above with 6" concrete layer	
10	S3		10'	48"	10		the terms of the second	
11					0.8	black fine to	silty fine SAND, trace medium sand,	
-12					12		e coarse sand; moist to wet (FILL)	
-13					0.7			
14			15'			End of	Boring at 15 feet; No Refusal	
15								
16								
-17								
-18								
-19							j	
-20								
			water Me				Summary	
	Date	Time	Depth to	Groun	dwater	Measuring Point	Overburden: Fill; Sand	
			-				Rock: NA Well Depth: NA	
			-				Boring: 15'	

CDW Consultants, Inc.

Project No.: 1830 Total Depth: 15 ft

Date Started: 12/9/2019

Client: Location: Completed: 12/9/2019

Ground El.

City of Waltham 240 Beaver St

BORING ID: GP4-7 Logged By: Contractor: Sheet #:

AMS Crawford

Casing ID: Remarks:

Rema		6610 DT G					
et)		Samp	le	,			ше
Depth (Feet)	Type & Num.	Blows per 6 inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0,	40"	0	black asphalt and graded base	
-1					0.0	tan to gray fine SAND, trace gravel with	
					2	broken concrete pieces; dry	
-2					2	(FILL)	
_					1.3	ton to avoy fine to city fine SAND	
-3					4	tan to gray fine to silty fine SAND, little medium sand; dry	
-4					4	india masaani aana, ary	
			5'		1.1		
-5	S2		5'	48"			
-6					6		
					0.9	black fine to silty fine SAND, trace medium sand,	
-7					0.5	with wood; dry	
-8					8	(FILL)	
-0							
-9					0.3	see above with 6" concrete layer	
			10'	200	10	(FILL)	
-10	S3		10'	60"	10		
-11			<u> </u>		2.6		
					12	black fine to silty fine SAND, trace medium sand,	
-12					12	trace coarse sand; moist to wet	
-13				<u></u>	1.3		
-13					14		
-14							
			15'			End of Boring at 15 feet; No Refusal	
-15							
-16							
-17							
-18							
-10							
-19							
-20							
		Groundy	vater Me	asure	ments	Summary	
	ate	Time				Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA Boring: 15'	
			<u> </u>			Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 15 ft

12/9/2019

Client: Location:

Ground El.

Completed: 12/9/2019

City of Waltham 240 Beaver St

BORING ID: GP4-6 Logged By: Contractor:

Sheet #:

AMS Crawford

Date Started: Casing ID: Remarks:

et)		Samp	le				
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	
0	S1		0'	40"	0		
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2	(* 122)	
-3					0.0	tan to gray fine to silty fine SAND,	
-4			5'		4	little medium sand with wood and glass; dry (FILL)	
-5	S2		5'	48"	0.1		
-6					6		
-7					0.0	ក្នុងសារីកណ្ដាញម្នាស់ អាសុ ១/វិសុខ ក្នុងសុខ បានប៉ុន្តែការប្រស់ សេស Israkan greeks (កាន់ង្គាស់ពីរ៉ូប៉ូប៉ូប៉ូប៉ូប ស្រីយូវ្រែ	
-8					8		
-9					1.6		
-10	S 3		10' 10'	45"	10 10	gray to black fine SAND, little gravel,	
-11					0.0	trace silt with wood; moist (FILL)	
-12					12 12	Approximate Water Table	
-13					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-14			451		14		
-15			15'			End of Boring at 15 feet; No Refusal	
-16							
-17							
-18							
-19							
-20							
		Groundy	vater Me	аѕиге	ments	Summary	
D	ate	Time				Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830

15 ft Date Started: 12/9/2019

Client: Location:

Ground El.

Completed: 12/9/2019

City of Waltham 240 Beaver St

BORING ID: GP4-5 Logged By: Contractor:

Sheet #:

AMS Crawford

Casing ID: Remarks:

£		Samp	le				2
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	MAZOIL Diographic
0	S1		0'	40"	0	to to be seen for CANID little access and	
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2		
-3					0.9	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry	
-4					4	(FILL)	
-5	S2		5' 5'	48"	0.1		
-6					6		
-7					0.6	i and fines selling fine STAND (representation) selling selling (selling). Williams (selling) inertal fines (selling). (Plub)	
-8					8		
-9			10'		0.4		
-10	S3		10'	40"	10	gray to black fine SAND, little gravel,	
-11					0.0	trace silf with wood; moist (FILL)	
-12					12	Approximale Water Table	
-13					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-14					14		
-15			15'			End of Boring at 15 feet; No Refusal	
-16							
-17							
-18							
-19							
-20							
		Groundy	vater Me	asure	ments	Summary	
D	ate	Time				Measuring Point Overburden: Fill; Sand	
						Rock: NA Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 15 ft

Client: City of Waltham 240 Beaver St Location:

BORING ID: GP4-4 Logged By: Contractor:

AMS Crawford

Date Started: 12/9/2019 Casing ID: Remarks:

6610 DT Geoprobe

Completed: 12/9/2019 Sheet #: Ground El.

et)		Samp		,	6)		5
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Month Discourse
0	S1		0'	40"	0	ton to hanne fine CAND Ittle course and	
-1					0.0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-2					2	(1.12)	
-3					0.0	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry	
-4			5'		4 0.9	(FILL)	
-5	S2		5'	48"	6		
-6					6 1.2	ាក្រុក បាន បានប្រកាសន និងការដាក់តែខេត្តកាលពី និងការ	
-7					8) in the content places against process content (Capacies and Capacies)	
-8					8 0.7		
-9			10'		10		
-10	S3		10'	40"	0.2	gray to black fine SAND, little gravel, trace silt with wood; moist	
-11					12	(FLL)	
-12					12	Approximate Water Table gray fine to silty fine SAND, trace medium sand,	
-13					0.1	trace coarse sand with gravel pieces; moist to wet	
-14			15'				
-15						End of Boring at 15 feet; No Refusal	
-16							
-17					 		
-18							
-19							
-20							
		Ground					
D	ate	Time	Depth to	Groun	dwater	Measuring Point Overburden: Fill; Sand	
						Rock: NA Well Depth: NA	
			<u> </u>			Weil Depth: NA Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830

15 ft

Client: Location:

City of Waltham 240 Beaver St

BORING ID: GP4-3 Logged By:

Date Started: 12/9/2019

Completed: 12/9/2019 Ground El.

Contractor: Sheet #:

AMS Crawford

Casing ID: Remarks:

Q		Samp	le				am
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	\$1		0,	40"	0		
					0.0	tan to brown fine SAND, little coarse sand	
-1					2	trace medium sand with wood and gravel; dry (FILL)	
-2					2	(rice)	
					0.0		
-3					0.0	tan to gray fine to silty fine SAND,	
					4	little medium sand with wood and glass; dry	
4		l	5'		4	(FILL)	
-5	S2		5'	48"	0.9		
					6		1
-6					6		
-					1.2	nary imperse sativities និកសុរិស ក្រុងខេត្តក្រុមពីពេក្យនៃ ទេស៊ី ក្រុងប្រសាសនា ខ្លាំងនេះ ក្រុងខ្លាំងក្នុងសុវភូបទី២០៩ភូប	
-7					8		
-8			-		8		
					0.7		
-9			101				V
-10	S3		10'	40"	10 10		
-10	33		10	40		gray fine to silty fine SAND, trace medium sand,	
-11		*			0.2	moist	
					12		
-12					12	Approximate Water Table gray fine to silty fine SAND, trace medium sand,	
-13					0.1	trace coarse sand with gravel pieces; moist to wet	
-13					14	adoo odaloo odalo mara graver process, mesers are	
-14							
			15'			E I CD in AAS Coul No Defend	
-15						End of Boring at 15 feet; No Refusal	
-16			<u> </u>				
-17							
46							
-18							
-19							
-20							
						Summan	
	Date	Groundy Time				S Summary Measuring Point Overburden: Fill; Sand	
	Jaic	Time	Deptil to	Oroun	-water	Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 15 ft

Client: Location:

City of Waltham 240 Beaver St

BORING ID: GP4-2 Logged By:

AMS

Date Started: 12/9/2019 Casing ID: Remarks:

6610 DT Geoprobe

Completed: 12/9/2019 Sheet #: Ground El.

Contractor: Crawford

Q		Samp	le					am
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description	Well Diagram
0	S1		0'	40"	0		C. CAND I'll access cond	
-1					0.1	tan to bro trace mediu	wn fine SAND, little coarse sand um sand with wood and gravel; dry (FILL)	
-2					2		(112)	
-3					0.0		gray fine to silty fine SAND, um sand with wood and glass; dry	
-4					4	iille medic	(FILL)	
-5	S2		5' 5'	48"	0.1			
-6					6 6		รุสม เกิด SANE เกิดเดือนหลังให้เกิดสิทิติ	J.
-7					0.1		ss as a republicas popularistic vieces (d)	
-8					8			
-9					0.3		State of the state	
-10	S3		10' 10'	60"	10 10		silty fine SAND, trace medium sand,	
-11					0.9	gray fine to s	moist	
-12					12 12	Approximate Water Table	ally San CAND troop modium cand	
-13					0.6	trace coarse	silty fine SAND, trace medium sand, sand with gravel pieces; moist to wet	
-14			45		14			
-15			15'			End of	Boring at 15 feet; No Refusal	
-16								
-17								
-18						·		
-19								
-20								
		Ground	water Me	asur	mente		Summary	
	Date	Time	Depth to					
							Well Depth: NA	
			1				Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830

15 ft Date Started: 12/9/2019

Client: Location:

Ground El.

Completed: 12/9/2019

City of Waltham 240 Beaver St

BORING ID: GP4-1 Logged By:

AMS

Casing ID: Remarks:

6610 DT Geoprobe

Contractor: Crawford Sheet #:

et)		Samı	ole				8
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0,	40"	0		
-1					0.1	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry	
-2					2	(FILL)	
-3					0.0	tan to gray fine to silty fine SAND, little medium sand with glass; dry	
-4			5'		4	(FILL)	
-5	S2		5'	48"	0.1		
-6					6		
-7					0.1	black fine to silty fine SAND, trace medium sand, with broken glass, concrete pieces; dry	
-8					8	(FILL)	
					0.3		
-9	ļ		10'		10		
-10	S3		10'	60"	10		
-11					0.9	See Above	
-12			ļ		12		
-12						Approximate Water Table gray fine to silty fine SAND, trace medium sand,	
-13					0.6	trace coarse sand with gravel pieces; moist to wet	
-14					14		
-15	S4		15' 15'			End of Boring at 15 feet; No Refusal	
-16							
-17							
-18							
-19							
-20							
		Ground	water Me	261112	ments	Summary	
Г	ate	Time				Measuring Point Overburden: Fill; Sand	
<u> </u>			2000110	J. GUIN		Rock: NA	
						Well Depth: NA	
						Boring: 15'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830

2 ft Date Started: 12/9/2019 Client: Location:

City of Waltham 240 Beaver St

BORING ID: GP3-1 Logged By:

AMS

Casing ID:

Remarks:

6610 DT Geoprobe

Contractor: Completed: 12/9/2019 Sheet #: Ground El.

Crawford

et)		Samp	le					3
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description	Well Diagram
0	S1		0'	18"	0.0		brown loamy soil	
-1						tan to brow	n loamy soil with brown fine SAND	
-2			ļ			End of	Boring at 2 feet; Refusal at 2 ft	2000
-3								
-4								
-5								
-6								
-7								
-8								
-9								
-10								
-11								
-12								
-13								
-14								A
-15								
-16								
-17								
-18								
-19								
-20								
		Ground	water M	 easure	ments		Summary	
D	ate	Time	Depth to	Groun	dwater	Measuring Point	Overburden: Loamy soil	
		M.L					Rock: NA Well Depth: NA	
		*****					Boring: 2 ft	

CDW Consultants, Inc.

Project No.: 1830 Client: City of Waltham BORING ID: GP3-2 Total Depth: 2 ft Location: 240 Beaver St Logged By: AMS Date Started: 12/9/2019 Completed: 12/9/2019 Contractor: Crawford Casing ID: Ground El. Sheet #: 1

Remarks: 6610 DT Geoprobe

et)		Sam					
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Desc	ription
0	S1		0,	18"	0.0	brown loam	
-1					0.0	tan to brown loamy soil wit	h brown fine CAND
- 1			 			tan to brown loamy son wit	II DIOWIT IIIE SAND
-2						End of Boring at 2 feet	; Refusal at 2 ft
-3							
-4							
-5							
-6							
-7							
-8							
9							
·10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20		***************************************					
			water Me			Summary	
D	ate	Time	Depth to	Ground	water	Measuring Point Overburden: L	oamy soil
		· · · · · · · · · · · · · · · · · · ·	-				IA IA
						Boring: 2	eft .

CDW Consultants, Inc.

BORING ID: GP3-3 Project No.: 1830 Client: City of Waltham Total Depth: 2 ft
Date Started: 12/9/2019 Logged By: AMS Location: 240 Beaver St Completed: 12/9/2019 Contractor: Crawford Ground El. Sheet #: Casing ID:

Remarks: 6610 DT Geoprobe

et)		Samp	le				Ē
Depth (Feet)	Type & Num.	Blows per 6 inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0,	18"	0.0	brown loamy soil	
4			ļ		-	tan to brown loamy soil with brown fine SAND	
1							
2						End of Boring at 2 feet; Refusal at 2 ft	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
			4			Summoni	
	ate	Ground Time	Depth to	Group	ments	Summary Measuring Point Overburden: Loamy soil	
L	/ale	Title	Debin io	Groun	uwatei	Rock: NA	
						Well Depth: NA	
						Boring: 2 ft	

CDW Consultants, Inc.

BORING ID: GP3-4 Project No.: 1830 Client: City of Waltham Total Depth: 9 ft 240 Beaver St Logged By: AMS Location: Date Started: 12/9/2019 Completed: 12/9/2019 Contractor: Crawford Sheet #: Casing ID: Ground El. Remarks: 6610 DT Geoprobe

\$	I	Samp	le		Γ		Ε
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	30"	0.0	4" Leaf Litter	
-1					1	broken glass pile	
-2					0.1	tan to brown fine to silty fine SAND, trace gravel, glass, wood, possible coal ash	
-3					3		
-4			5'		1.2	black silty fine SAND, little coarse sand, trace gravel and wood, broken pieces of coal	
-5			5'	48"	5	trace graver and wood, process process or occar	
-6					0.8		
-7					7	tan to brown silty fine SAND, little medium sand, trace gravel: moist to wet	
-8					9		
-9			10'			End of Boring at 9 feet; No Refusal	
-10							
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
	l	Groundy	vater Me	asure	ments	Summary	
D	ate	Time				Measuring Point Overburden: Fill, Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 9 ft	··

CDW Consultants, Inc.

Project No.: 1830 Client: City of Waltham BORING ID: GP3-5 Total Depth: 9 ft Location: 240 Beaver St Logged By: AMS Date Started: 12/9/2019 Completed: 12/9/2019 Contractor: Crawford Casing ID: Ground El. Sheet #: 1 Remarks: 6610 DT Geoprobe

et)		Samp	le				2
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	30"	0.0	4" Leaf Litter	
-1					1	broken glass pile	
-2					0.0	tan to brown fine to silty fine SAND, trace gravel, glass, wood, possible coal ash	
-3					3		
-4			5'		1.7 5	୍ରମୟ କମ୍ପର୍ମନ ଅଧିକ ହିନ୍ଦି ((illercoarsessa)) () ବେବ ଗ୍ରେମ୍ବର ଅଧିକର ଅଧିକର ଅଧିକର ଅଧିକର	
-5			5'	50"	5		
-6					0.1		
-7					7	tan to brown silty fine SAND, little medium sand,	
-8					0.1	trace gravel: moist to wet	
-9					9	End of Boring at 9 feet; No Refusal	
-10			10'				
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
	l	Groundy	ater Me	asure	ments	Summary	
D	ate					Measuring Point Overburden: Fill, Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 9 ft	

CDW Consultants, Inc.

Project No.: 1830 Client: City of Waltham BORING ID: GP2-3 Total Depth: 9 ft Location: 225-227 Beaver St Logged By: AMS Contractor: Date Started: 5/28/2019 Completed: 5/28/2019 Crawford Casing ID: Ground El. Sheet #:

Remarks: 6610 DT Geoprobe

\$	Sample		le				E
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	\$1		0'	40"	0.0	brown loamy soil	
-1					1	tan to brown fine SAND,	
-2				 	0.0	trace coarse sand with gravel; dry	
-2				+	3		
-3					3		
					0.0	brown fine SAND, 8" coarse sand layer,	
-4						gray gravel with silt lenses; dry	
			5		5		
-5	S2		5'	36"	5		
-6					0.0	brown fine SAND, trace medium sand with gravel and silt lenses; dry	
-0				 	7	with graver and sit lenses, dry	
-7					7		
					0.0		
-8							
					9		
-9			401	-		End of Boring at 8 feet; Refusal at 9 ft	
-10			10'				
-10				ļ			
-11							
-12							
-13							
-14							
-1-7			*				
-15		****					
-16							
45							
-17							
-18				 			
-19							
-20							
						Note: 3 additional attempts did not drill past 9 feet	
F	-4-	Groundw					
ט	ate	Time	Depth to	Ground	water	Measuring Point Overburden: Fill; Sand Rock: NA	
						Well Depth: NA	
						Boring: 9 ft	
···						Janes V.	

CDW Consultants, Inc.

Project No.: 1830 Total Depth:

9 ft Date Started: 5/28/2019 Client: Location: Completed: 5/28/2019

Ground El.

BORING ID: GP2-2 City of Waltham Logged By: 225-227 Beaver St Contractor:

Sheet #:

AMS Crawford 1

Casing ID: Remarks:

£		Sample S & S & S & S & S & S & S & S & S & S					E
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0,	40"	0.0	brown loamy soil	
-1					0.0	tan to brown fine SAND, trace coarse sand with gravel; dry	
-2					3		
-3					3	See Above	
-4			5	1	0.0		
-5	S2		5'	36"	5	brown fine SAND, trace medium sand	
-6					0.0	with gravel and silt lenses; dry	
-7					7		
-8					0.0		
- 9					9	End of Boring at 8 feet; Refusal at 9 ft	
-10			10	'			
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20						Note: 3 additional attempts did not drill past 9 feet	
	L	Groundy	vater M	easure	ments		
D	ate	Time	Depth to			Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA Boring: 9 ft	
						Boring: 9 ft	

CDW Consultants, Inc.

City of Waltham BORING ID: GP2-1 Project No.: 1830 Client: Total Depth: 8 ft Location: 225-227 Beaver St Logged By: AMS Completed: 5/28/2019 Date Started: 10/10/2019 Contractor: Crawford Casing ID: Ground El. Sheet #: Remarks: 6610 DT Geoprobe

at)		Samp	ole						
Depth (Feet)	Type & Num.	Blows per 6 inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description		
0	S1		0,	40"	0.0		brown loamy soil		
4							ton to be a CAND		
-1				-	1		tan to brown fine SAND, e corse sand with gravel; dry		
-2					0.0				
	ļ				3	etti. Liitakin olinain olinain			
.3		-	 	-	3		See Above		
4					0.0				
			5'		5		an agus an air agus an aig an air an air an an an an an air an an ai Channail an ann an air ann air an		
.5	S2		5'	36"	5	brown	fine SAND, trace medium san		
6					0.0		h gravel and silt lenses; dry		
					7	The second state of the se			
7			 		7				
-8					0.0	End of	Boring at 8 feet; Refusal at 8	3 ft	
					9				
9			101						
10			10'		-				
10			<u> </u>		_				
11									
12					1]	
12					<u> </u>				
-13									
14									
14									
15								ĺ	
40			ļ						
16			 						
17									
40									
18									
19									
20						Note: 2 additional -4-	mate did not not neet 0 feet		
		Ground	water Me	asure	ments		mpts did not get past 9 feet Summary		
D	ate	Time				Measuring Point	Overburden: Fill; Sand		
							Rock: NA		
							Well Depth: NA Boring: 8 ft		
			L				Donny. Oit		

CDW Consultants, Inc.

1830 20 ft Project No.: Client: City of Waltham BORING ID: GP1-8 Total Depth: Location: 240 Beaver St Logged By: AMS Completed: 5/28/2019 Date Started: 5/28/2019 Contractor: Crawford Casing ID: Ground El. Sheet #:

Remarks: 6610 DT Geoprobe

2		lype & Num. Blows per 6 Inches au Depth Range					aH	
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram	
0	S1		0'	40"	0	black asphalt and graded base		
-1	ļ				0.0	tan to gray fine SAND, trace gravel with		
					2	broken concrete pieces; dry		
-2					2	(FILL)		
-3					0.8	tan to gray fine to silty fine SAND,		
			ļ		4	little medium sand; dry		
-4					4			
-5	S2		5' 5'	48"	1.1		l	
-3	02		3	10	6		İ	
-6					6			
-7					0.9	black fine to silty fine SAND, trace medium sand,	ĺ	
-/				-	with wood and glass; dry			
-8					8			
					1.6			
-9			10'		10		1	
-10	S3		10'	60"	10		- 1	
					2.1			
-11				<u> </u>	12	black fine to silty fine SAND, trace medium sand,		
-12					12	trace coarse sand with gravel pieces; moist to wet		
					1.3			
-13					14			
-14					14			
			15'		0.7			
-15	S4		15'					
-16					16 16			
					0.1			
-17						gray fine to silty fine SAND, trace medium sand,	}	
-18					18 18	trace coarse sand with silt lenses; wet		
0					0.0			
-19								
-20			20'		20	End of Boring at 20 feet; No Refusal		
-20						Life of Boring at 20 lest, No Neiusai		
		Groundy						
D	ate	Time	Depth to	Groun	dwater	Measuring Point Overburden: Fill; Sand		
						Rock: NA Well Depth: NA		
						Boring: 20'		

CDW Consultants, Inc.

Project No.:

1830 20 ft

Client: City of Waltham Location: 240 Beaver St

BORING ID: GP1-7MW Logged By:

Total Depth:

Date Started: 5/28/2019

Completed: 5/28/2019 Ground El.

Contractor: Sheet #:

AMS Crawford

Casing ID: Remarks:

£	n (Feet)	Samp	ole		T.			2
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)		Sample Description	Well Diagram
0	S1		0'	40"	0			
-1					0.1		own fine SAND, little coarse sand ium sand with wood and gravel; dry (FILL)	
-2					2		\' "/	
-3					0.0	tan t	o gray fine to silty fine SAND,	
					4	little medi	um sand with wood and glass; dry	
-4			5'		4			
-5	S2		5'	48"	0.1			
-6					6			
-7	black fine to silty fine SAND, trace medium sand, with broken glass, asphalt pieces, concrete pebbles; d							
0			<u> </u>		8			
-8			 		8			
-9					0.3			
40	62		10'	60"	10			
-10	S3		10'	60"				
-11					0.9		See Above	
-12					12	Approximate Water Table		
					0.6		silty fine SAND, trace medium sand,	
-13					14	trace coarse	sand with gravel pieces; moist to wet	
-14					14			
-15	S4		15'		0.1			
					16			
-16					16			
-17					0.0		silty fine SAND, trace medium sand,	
40					18	trace c	oarse sand with silt lenses; wet	
-18					18			
-19					0.0			Annual Control of the
			20'		20			
-20						End of	Boring at 20 feet; No Refusal	
		Ground	vater Me	asuro	ments		Summary	
C	ate	Time				Measuring Point		
							Rock: NA	
							Well Depth: NA	
							Boring: 20'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 20 ft Date Started: 5/28/2019 Client: Location:

Ground El.

City of Waltham 240 Beaver St

Logged By:

BORING ID: GP1-6 AMS Crawford

1

Casing ID: Remarks:

6610 DT Geoprobe

Completed: 5/28/2019 Contractor: Sheet #:

1 2		Samp	le		1		Ĕ
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	\$1		0'	40"	0.0	black asphalt and graded base	
-1					1	tan to gray fine SAND, trace gravel with	
					0.0	broken concrete pieces, dry	
-2					3	a per a la companya de la (FILE) e	
-3					3	tan to gray fine to silty fine SAND,	
					0.0	little medium sand; dry	
4			5'		5		
-5	S2		5'	48"	5		
					0.0		
-6					7	gray fine to silty fine SAND, trace medium sand,	
-7					7	with pebbles; dry	
					0.0		
-8					9		
-9					9		
-10	S3		10' 10'	60"	0.1		
-10	33		10	00	11		
-11					11		
-12					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-12					13	trace coarse saild with graver pieces, moist to wet	
-13					13		
-14					0.0		
-14			15'		15		
-15	S4		15'		15		
-16					0.1		
					17		
-17					17	gray fine to silty fine SAND, trace medium sand,	
-18						trace coarse sand with silt lenses; wet	
					0.0		
-19			001				
-20			20'		20	End of Boring at 20 feet; No Refusal	
			,				
) oto T	Groundy					
L	ate	Time	Depth to	Ground	awater	Measuring Point Overburden: Fill; Sand Rock: NA	
				Well Depth: NA			
						Boring: 20'	

CDW Consultants, Inc.

Project No.: Total Depth: 1830 20 ft Client: Location:

City of Waltham on: 240 Beaver St

BORING ID:
Logged By:

BORING ID: **GP1-5MW**

Date Starte Casing ID:

Date Started: 5/28/2019

Completed: 5/28/2019 Ground El.

28/2019 Contractor: Sheet #: AMS Crawford

Remarks:

et)	Sample g Z g g g g g g g g g g g g g g g g g				am		
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0.0	black asphalt and graded base	
-1	 		 		1	tan to gray fine SAND, trace gravel with	
-2					0.0	broken concrete pieces; dry (FILL)	
					3		
-3			-		3	tan to gray fine to slity fine SAND, little medium sand; dry	
-4					0.0	nittle medium sand, dry	
			5'		5		
-5	S2		5'	48"	5		
-6					0.0		
					7]	
-7	-		-		7	with pebbles; dry	
-8					0.0		
-9 9 9							
-9			401		9		
-10	S3		10'	60"	0.1		
-10	00	1	110	-00	11	Approximate Water Table	The second secon
-11					11		A STATE OF THE PARTY OF THE PAR
-12					0.1		Share and the state of the stat
-12					13	gray fine to silty fine SAND, trace medium sand,	The second secon
-13					13	trace coarse sand with gravel pieces; moist to wet	Committee of the commit
-14	-			ļ	0.0		Spitch and Andream of
-14			15'		15		American Ame
-15	S4		15'		15		Committee of the commit
40					0.1		
-16					17		
-17	<u> </u>				17	gray fine to silty fine SAND, trace medium sand,	
						trace coarse sand with silt lenses; wet	THE PROPERTY OF THE PROPERTY O
-18					0.0		
-19					1		
			20'		20		
-20						End of Boring at 20 feet; No Refusal	
	<u> </u>	Ground	water Me	asuro	mente	Summary	
1	Date	Time				Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA Boring: 20'	
<u></u>		<u></u>			During. 20		

CDW Consultants, Inc.

Project No.: Total Depth: 1830

20 ft Date Started: 5/28/2019

Client: Location:

Ground El.

Completed: 5/28/2019

City of Waltham 240 Beaver St

BORING ID: GP1-4 Logged By: Contractor:

Sheet #:

AMS Crawford

Casing ID:

Remarks:

÷.	I	Samp	le		T		Ē
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PiD Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0.0	black asphalt and graded base	
-1					1	tan to gray fine SAND, trace gravel with	
						broken concrete pieces; dry	
-2					0.0	(FILL)	
-3					3	tan to gray fine to silty fine SAND,	
-5						little medium sand; dry	
-4					0.0		
-5	S2		5' 5'	48"	5 5		
-5	32		15	40	1		
-6				0.0			
			7	gray fine to silty fine SAND, trace medium sand,			
-7			7 with pebbles; dry		with peobles; ary		
-8					0.0		
					9		
-9			10'		9		
-10	S3		10'	60"	0.1		
					11		
-11					11	gray fine to silty fine SAND, trace medium sand,	
-12					0.1	trace coarse sand with gravel pieces; moist to wet	
					13	3	
-13					13		
-14					0.0		
- 3 -			15'		15		
-15	S4		15'		15		
16					0.1		
-16					17		
-17					17	gray fine to silty fine SAND, trace medium sand,	
16						trace coarse sand with silt lenses; wet	
-18					0.0		
-19							
			20'		20		
-20						End of Boring at 20 feet; No Refusal	
		Groundy	vater Me	asure	ments	Summary	
D	ate	Time	Depth to				
			·	****		Rock: NA	
						Well Depth: NA	
						Boring: 20'	

CDW Consultants, Inc.

Project No.: Total Depth:

1830 20 ft

Client:

City of Waltham 240 Beaver St

Date Started: 5/28/2019

Location: Completed: 5/28/2019 BORING ID: GP1-3MW
Logged By: AMS
Contractor: Crawford

1

Casing ID: Remarks:

6610 DT Geoprobe

Ground El. Sheet #:

(F)		Sample					
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description	Well Diagram
0	S1		0'	40"	0.0	black asphalt and graded base	
-1					1	tan to gray fine SAND, trace gravel with	
-2					0.0	broken concrete pieces; dry (FILL)	
-3					3	tan to gray fine to silty fine SAND,	
					0.0	little medium sand; dry	
-4			5'				
-5	S2		5'	48"	5		
					0.0		
-6	-				7	gray fine to silty fine SAND, trace medium sand,	
-7					7	with pebbles; dry	
-8					0.0		
-0	9 9						
-3	10' 0.1						
-10	S3		10'	60"	11		
-11					11		
					0.1	Approximale Water Table	
-12					13	gray fine to silty fine SAND, trace medium sand,	
-13					13	trace coarse sand with gravel pieces; moist to wet	
-14					0.0		
			15'		15		
-15	S4		15'		15		
-16					0.1		
-17					17 17	gray fine to silty fine SAND, trace medium sand,	The second
-18						trace coarse sand with silt lenses; wet	
					0.0		
-19			20'		20		
-20			20		<i></i>	End of Boring at 20 feet; No Refusal	
		Groundy	vater Me	asuro	mente	Summary	
	Groundwater Measure Date Time Depth to Ground					Measuring Point Overburden: Fill; Sand	
						Rock: NA	
						Well Depth: NA	
						Boring: 20'	-

CDW Consultants, Inc.

Project No.: Total Depth:

1830 20 ft

Client: City of Waltham Location: 240 Beaver St

BORING ID: GP1-2 Logged By:

AMS

Date Started: 5/28/2019 Casing ID: Remarks:

6610 DT Geoprobe

Completed: 5/28/2019 Ground El.

Contractor: Sheet #:

Crawford

8		Blows per 6 Inches ald							E B
Depth (Feet)		Blows per 6 Inches		Recovery	PID Hdspace (ppmv)		Sample Des		Well Diagram
0	S1		0'	40"	0.0	bla	ck asphalt and	d graded base	
-1	 				1	tan to g	ray fine SANE), trace gravel with	
					0.0		roken concrete	e pieces; dry	
-2					3	,	(FILI	-)	
-3					3	tan t		silty fine SAND,	
-4					0.0		little medium	sand; dry	
			5'		5				
-5	S2		5'	48"	5				
-6	 				0.0				
					7	gray fine to		D, trace medium sand,	
-7					7		with pebbl	es; dry	
-8					0.0				
-9					9				
-3			10'		0.1				
-10	S3		10'	60"					
-11					11 11				
					0.1			D, trace medium sand,	
-12					13	trace coarse	sand with gra	vel pieces; moist to wet	
-13					13				
-14					0.0				
-14			15'		15				
-15	S4		15'		15				
-16					0.1				
					17				
-17					17			D, trace medium sand, th silt lenses; wet	
-18						trace c	oaise sano Wi	ur ont lenoes, wet	
					0.0			*	
-19			20'		20				
-20						End of	Boring at 20	feet; No Refusal	
		Greund	voto- M-	001175	ma=t-		Cummar		
	ate	Groundy Time				Measuring Point	Summary Overburden:	Fill; Sand	
							Rock:	NA	
							Well Depth: Boring:	NA 20'	
							boiling.	20	

CDW Consultants, Inc.

Project No.: Total Depth: 1830

20 ft

Client: Location: City of Waltham 240 Beaver St

BORING ID: GP1-1 Logged By:

Date Started: 5/28/2019

Completed: 5/28/2019 Ground El.

Contractor: Sheet #:

AMS Crawford

Casing ID: Remarks:

Ð,		Sam	ple					
Depth (Feet)	Type & Num.	Blows per 6 Inches	Depth Range	Recovery	PID Hdspace (ppmv)	Sample Description		
0	S1		0'	40"	0.0	bia	ck asphalt and graded base	
-1			-		1	tantos	ray fine SAND, trace gravel with	
							roken concrete pieces; dry	
-2					0.0		(FILL)	
-3					3	1	o gray fine to silty fine SAND,	
					0.0	little medium sand; dry		
-4	-		5'	1	5			
-5	S2		5'	48"	5			ľ
-6					0.0			
-0					7	gray fine to silty fine SAND, trace medium sand,		
-7					7		with pebbles; dry	
-8					0.0			
-0					9	K.,		
-9					9			
-10	S3		10'	60"	0.1			
					11			
-11					11	gray fine to	silty fine SAND, trace medium sand,	
-12			+		0.1		sand with gravel pieces; moist to wet	
					13		-	
-13			-		13	*		
-14					0.0			
45	64		15'		15			
-15	S4		15'		15			
-16					0.1			
47					17	great fine to	city fine CAND trace medium and	
-17					17	gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet		
-18					0.0			
10					0.0			
-19			20'		20			
-20						End of	Boring at 20 feet; No Refusal	
		Ground	water Ma	activa	monto		Summany	
Date		Groundwater Measurements Time Depth to Groundwater					Summary Overburden: Fill; Sand	
			,			V	Rock: NA	
				***********			Well Depth: NA	
			<u> </u>				Boring: 20'	

		4